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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Tokunori KIMURA

Serial No. 10/596,052

Filed: May 26, 2006



Atty. Ref.: 2382-54

TC/A.U.:

Examiner: unknown

For: MAGNETIC RESONANCE IMAGING DEVICE, IMAGE DATA  
CORRECTING DEVICE AND IMAGE DATA CORRECTING METHOD

\* \* \* \* \*

July 12, 2006

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:


**INFORMATION DISCLOSURE STATEMENT**

Attention is directed to the attached documents. For example, JP Kokai  
2000/157,507 shows the correction method of using multiple coil signals which include a  
main (imaging) echo and each navigation echo. A PTO-1449 is also attached.

Official consideration and citation of each such reference is requested.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

2382-54

10/596,052

APPLICANT

Tokunori KIMURA

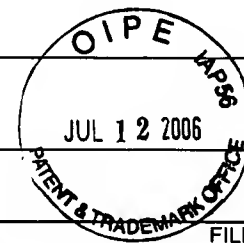
(Use several sheets if necessary)

FILING DATE

TC/A.U.

May 26, 2006

2624


**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|------|------|-------|----------|-------------------------------|
|                      |                 |      |      |       |          |                               |
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**FOREIGN PATENT DOCUMENTS**

| DOCUMENT       | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION<br>YES NO |
|----------------|---------|---------|-------|----------|-----------------------|
| 2000-157507    | 06/2000 | Japan   |       |          | ABSTRACT              |
| /D.R./ 6-47021 | 02/1994 | Japan   |       |          | ABSTRACT              |
|                |         |         |       |          |                       |
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**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

|        |   |
|--------|---|
| /D.R./ | Ehman et al., "Adaptive Technique for High-Definition MR Imaging of Moving Structures", MAGNETIC RESONANCE IMAGING, Vol. 173, Number 1, Radiology, October 1989   |
|        | Ordidge et al., "Correction of Motional Artifacts in Diffusion-Weighted MR Images Using Navigator Echoes", MAGNETIC IMAGING, Vol. 12, No. 1, pp. 455-460, 1994  |
|        | Wang et al., "Navigator-Echo-Based Real-Time Respiratory Gating and Triggering for Reduction of Respiration Effects in Three-Dimensional Coronary MR Angiograph", Cardiac Radiology, Vol. 198, Number 1, January 1996 |
|        | Pipe, "Motion Correction With Propeller MRI: Application to Head Motion and Free-Breathing Cardiac Imaging", MAGNETIC RESONANCE IN MEDICINE 42:963-969 (1999)   |
|        | McGee et al., "The Shoulder: Adaptive Motion Correction of MR Images", MUSCULOSKELETAL RADIOLOGY, Vol. 205, Number 2, November 1997   |
|        | Miller et al., "Nonlinear Phase Correction for Navigated Diffusion Imaging", MAGNETIC RESONANCE IN MEDICINE 50:343-353 (2003)   |
|        | Manke et al., "Novel Prospective Respiratory Motion Correction Approach for Free-Breathing Coronary MR Angiography Using a Patient-Adapted Affine Motion Model", MAGNETIC RESONANCE IN MEDICINE 50:122-131 (2003)     |
|        | Langenberger et al., "Nonlinear Motion Artifact Reduction in Event-Triggered Gradient-Echo FMRI", MAGNETIC RESONANCE IMAGING, Vol. 15, No. 2, pp. 163-167, 1997   |
|        |   |
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\*Examiner

/David Rashid/

Date Considered

01/05/2010

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.